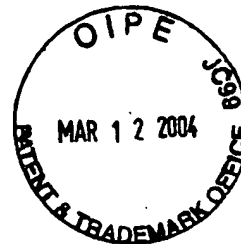


**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**INFORMATION DISCLOSURE STATEMENT TRANSMITTAL**

In re Application of: Olsen et al  
For: EXTRACORPOREAL BLOOD CIRCUIT AIR REMOVAL SYSTEM AND METHOD  
Serial No.: 10/743,598  
Filed: 12-22-2003



**CERTIFICATE OF MAILING UNDER 37 CFR 1.8:** I hereby certify that this **INFORMATION DISCLOSURE STATEMENT** and the paper(s), as described herein, are being deposited in the U.S. Postal Service, as first class mail, addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 10<sup>th</sup> day of March, 2004.

Barbara J. Lakanen  
Signature  
Barbara J. Lakanen  
Printed Name

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
Sir:

We are transmitting herewith the attached:

- ☒ Information Disclosure Statement Transmittal
- ☒ Information Disclosure Statement
- ☒ PTO FORM 1449
- ☒ Copies cited references (Foreign Patents only)
- ☒ Return Postcard

**FEE CALCULATION**

- ☐ \$ 00.00 Pursuant to 37 CFR §1.97(b)
- ☐ \$ 00.00 Pursuant to 37 CFR §1.97(c) with Certification
- ☐ \$ 00.00 Pursuant to 37 CFR §1.97(e) with Certification
- ☐ \$240.00 Pursuant to 37 CFR §1.97(c) without Certification
- ☐ \$130.00 Pursuant to 37 CFR §1.97(d) with Certification

- ☐ Applicant hereby petitions for a \_\_\_\_\_ months' extension of time. If an additional extension of time is required, please consider this petition therefor.
- ☒ Applicant believes that no extension of time is required. However, if an extension of time is required, please consider this a petition therefor to provide for the possibility that applicant has inadvertently overlooked the need for an extension of time.
- ☒ Please charge any additional fees or credits to Deposit Account No. 13-2546 which may have been overlooked on this Amendment Transmittal with regard to this filing. A duplicate of this transmittal is enclosed.

Date 3/9/2004

Daniel W. Latham  
Daniel W. Latham  
Reg. No. 30,401  
Telephone: (763) 391-9661  
Customer No.: 27581



PATENT  
Docket: P-11209.03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Applicant(s):	Olsen et al	)	Art Unit:
		)	
Serial No.:	10/743,598	)	Examiner:
		)	
Filed:	12-22-2003	)	
		)	
For:	EXTRACORPOREAL BLOOD CIRCUIT AIR REMOVAL SYSTEM AND METHOD		

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**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450


Dear Sir:

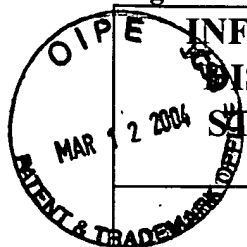
In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with C.F.R. §§ 1.97 *et. seq.*, the materials enclosed herewith are brought to the attention of the Examiner as possibly being of interest in connection with the above-identified patent application.

Consideration of each of the documents listed on the attached Form 1449 is respectfully requested. Pursuant to the provisions of M.P.E.P. §609, Applicant further requests that a copy of the Form 1449, marked as being considered and initialed by the Examiner, be returned with the next Official Communication.

Respectfully submitted,

Robert W. Olsen et al  
By their Representatives,

By:   
Daniel W. Latham  
Attorney for Applicants  
Registration No. 30,401  
Telephone: (763) 391-9661  
Customer No.: 27581


**INFORMATION  
DISCLOSURE  
STATEMENT**

Atty. Docket No.: P-11209.03

Serial No.: 10/743,598

Applicant(s): Olsen et al

Filing Date: 12-22-2003

Group:

**U.S. PATENT DOCUMENTS**

Examiner Initial	Document Number	Date	Name	Class	SubClass	Filing Date If Appropriate
	2002/0044889	04-18-2002	Aboul-Hosn et al	422	45	
	2002/0057989	05-16-2002	Afzal et al	422	45	
	2002/0110485	08-15-2002	Stringer et al	422	45	
	2002/0114731	08-22-2002	Stringer et al	422	44	
	3,929,414	12-30-1975	Leonard	23	258.5	
	4,061,470	12-06-1977	Leonard	25	258.5	
	4,186,565	02-05-1980	Toledo-Pereyra	62	306	
	4,205,677	06-03-1980	Engstrom	128	276	
	4,243,531	01-06-1981	Crockett et al	210	188	
	4,370,983	02-01-1983	Lichtenstein	128	630	
	4,402,687	09-06-1983	Denty et al	604	319	
	4,416,658	11-22-1983	Numazawa et al	604	48	
	4,418,565	12-06-1983	St. John	73	19	
	4,424,190	01-03-1984	Mather, III et al	422	46	
	4,436,620	03-13-1984	Bellotti et al	210	90	
	4,479,761	10-30-1984	Bilstad et al	417	395	
	4,489,762	10-30-1984	Bilstad et al	417	395	
	4,490,331	12-25-1984	Steg, Jr.	422	46	
	4,540,399	09-10-1985	Litzie et al	607	4	
	4,572,724	02-25-1986	Rosenberg et al	55	159	
	4,573,992	03-04-1986	Marx	604	408	
	4,599,093	07-08-1986	Steg, Jr.	55	16	
	4,607,520	08-23-1986	Dam	73	19	
	4,610,656	09-09-1986	Mortensen	604	4	
	4,622,032	11-11-1986	Katsura et al	604	122	
	4,651,555	03-24-1987	Dam	73	19	
	4,676,771	06-30-1987	Henke	604	4	
	4,722,224	02-02-1988	Scheller et al	73	599	
	4,734,269	03-29-1988	Clarke et al	422	310	
	4,828,543	05-09-1989	Weiss et al	604	4	
	4,850,954	07-25-1989	Charvin	604	4	
	5,011,469	04-30-1991	Buckberg et al	604	4	
	5,039,482	08-13-1991	Panzani et al	422	46	

**EXAMINER****Date Considered**

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>INFORMATION DISCLOSURE STATEMENT</b>	<b>Atty. Docket No.: P-11209.03</b>	<b>Serial No.: 10/743,598</b>
	<b>Applicant(s): Olsen et al</b>	
	<b>Filing Date: 12-22-2003</b>	<b>Group:</b>

**U.S. PATENT DOCUMENTS**

Examiner Initial		Document Number	Date	Name	Class	SubClass	Filing Date If Appropriate
		5,049,146	09-17-1991	Bringham et al	604	4	
		5,061,236	10-29-1991	Sutherland et al	604	4	
		5,069,661	12-03-1991	Trudell	604	4	
		5,110,548	05-05-1992	Montevecchi	422	48	
		5,158,533	10-27-1992	Strauss et al	604	4	
		5,205,153	04-27-1993	Hlavinka et al	73	79.03	
		5,238,655	08-24-1993	Laible et al	422	101	
		5,266,265	11-30-1993	Raible	422	46	
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		5,305,982	04-26-1994	Tamari	281	5	
		5,308,314	05-03-1994	Fukui et al	604	4	
		5,308,320	05-03-1994	Safar et al	604	4	
		5,334,136	08-02-1994	Schwarz et al	604	4	
		5,336,051	08-09-1994	Tamari	417	19	
		5,372,593	12-13-1994	Boehringer et al	609	319	
		5,382,227	01-17-1995	Riquier	604	4	
		5,411,706	05-02-1995	Hubbard et al	422	46	
		5,419,769	05-30-1995	Devlin et al	604	119	
		5,540,653	07-30-1996	Schock et al	604	7	
		5,573,502	11-12-1996	LeCocq et al	604	4	
		5,573,526	11-12-1996	Hess	604	408	
		5,588,816	12-31-1996	Abbott et al	417	479	
		5,632,894	05-27-1997	White et al	210	436	
		5,762,868	06-09-1998	Leonard	422	46	
		5,766,480	06-16-1998	Cosentino et al	210	644	
		5,820,579	10-13-1998	Plotkin	604	5	
		5,823,986	10-20-1998	Peterson	604	4	

**FOREIGN PATENT DOCUMENTS**

		Document Number	Date	Country	Class	SubClass	Translation	
							Yes	No

**OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)**

<b>EXAMINER</b>	<b>Date Considered</b>

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>INFORMATION DISCLOSURE STATEMENT</b>	<b>Atty. Docket No.: P-11209.03</b>	<b>Serial No.: 10/743,598</b>
	<b>Applicant(s): Olsen et al</b>	
	<b>Filing Date: 12-22-2003</b>	<b>Group:</b>

**U.S. PATENT DOCUMENTS**

Examiner Initial	Document Number	Date	Name	Class	SubClass	Filing Date If Appropriate
	5,837,905	11-17-1998	Strauss et al	73	861.63	
	5,879,316	03-09-1999	Safar et al	604	4	
	5,958,338	09-28-1999	Lindsay et al	422	45	
	6,017,493	01-25-2000	Cambron et al	422	44	
	6,071,258	06-06-2000	Dalke et al	604	5	
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	6,302,860	10-16-2001	Gremel et al	604	60.9	
	6,306,346	10-23-2001	Lindsay	422	45	
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	6,368,557	04-09-2002	Piplani et al	422	45	
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	6,387,323	05-14-2002	Afzal et al	422	45	
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	4,975,247	12-04-1990	Badolato et al	422	48	
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	5,462,619	10-31-1995	Haworth et al	156	172	
	6,117,390	09-12-2000	Corey, Jr.	422	45	
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	5,782,791	07-21-1998	Peterson et al	604	4	
	6,559,132	05-06-2003	Holmer	514	56	

**FOREIGN PATENT DOCUMENTS**

Document Number	Date	Country	Class	SubClass	Translation
					Yes No

**OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)**

<b>EXAMINER</b>	<b>Date Considered</b>

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		Filing Date: 12-22-2003			Group:			
U.S. PATENT DOCUMENTS								
Examiner Initial		Document Number	Date	Name	Class	SubClass	Filing Date If Appropriate	
		2004/0009097	01-15-2004	Stringer et al	422	45		
		2003/0231982	12-18-2003	Myrick et al	422	45		
		2003/0215356	11-20-2003	Patterson et al	422	45		
		2003/0204127	10-30-2003	Rawles et al	600	16		
		2003/0194348	10-16-2003	Divino, Jr. et al	422	45		
		2003/0163078	08-28-2003	Fallen et al	604	6.01		
		2003/0161759	08-28-2003	Myrick et al	422	45		
		2003/0135152	07-17-2003	Kollar et al	604	35		
		2003/0095892	05-22-2003	Patterson et al	422	45		
		2003/0091470	05-15-2003	Patterson et al	422	45		
		2003/0060421	03-27-2003	Hesson et al	514	23		
		2002/0176798	11-28-2002	Linker et al	422	45		
		2002/0176797	11-28-2002	Roberts et al	422	44		
		2002/0136662	09-26-2002	Myrick et al	422	45		
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		Document Number	Date	Country	Class	SubClass	Translation	
							Yes	No
		WO 00/47248	08-17-2000	PCT				
		EP 0786261 A2	07-30-1997	EP				
		WO 03/058608	07-17-2003	PCT				
		EP 1182452 A2	02-27-2002	EP				
		EP 1180374 A1	02-20-2002	EP				
		WO 2004/000391	12-31-2003	PCT				
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